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MERIONETH COUNTY COUNCIL



# PUBLIC HEALTH REPORT

For the year

1962

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*Medical Department,  
County Offices,  
Dolgellau.*

EVAN RICHARDS,  
M.R.C.S., L.R.C.P., D.P.H.,  
*Medical Officer of Health.*



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Medical Department,  
County Offices,  
Lombard Street,  
DOLGELLAU.

To: The Chairman, Aldermen and Councillors,  
of the Merioneth County Council.

Mr. Chairman, Ladies and Gentlemen,

I have the honour to submit the Annual Report for the year ended 31st December, 1962.

There was a slight increase of 267 in the estimate of the population during the year, but the constant erosion of younger people, drawn away by socio-economic factors can scarcely be said to be checked.

There was an increase of 10 in the number of live births continuing the upward trend of the previous two years. Stillbirths were a little higher (4 more) as were the infant deaths (3 more).

The epidemic of measles which occurred in the previous year was carried on into 1962, and in connection with this it is interesting to note that work on a vaccine to prevent this illness is now at an advanced state.

Other notifiable infectious diseases were few, and perhaps it would be as well if the legislation regarding the diseases to be notified were reviewed, with a view to amending the list, so as to make it more consonant with present day requirements.

The position with regard to tuberculosis is encouraging and the effect of modern therapy is shown by the fact that the death rate per thousand in 1942 was just under half that of 1922 whilst the death rate in 1962 was one-sixteenth of that of forty years earlier. This, however, should not lead to complacency as any relaxation in vigilance can lead to a recrudescence of this disease.

A side effect of the smallpox epidemic which occurred outside the County is shown in the spectacular increase in the number of vaccinations against Smallpox. Money for the payment for notification of vaccination is drawn from the central national pool from which general practitioners are paid, and the countrywide spate of vaccination made inroads into these funds.

During the year an outline of development in the Local Authority Health and Welfare Services for the ensuing ten years was produced to complement the forward planning of the hospital side of the National Health Service. This was submitted to the County Council, which gave approval to the suggestions contained therein, and discussions on the implications of the plan took place with representatives of the Welsh Board of Health.

I am grateful to the County Council members and especially the members of the Health Committee for their support and encouragement.

I wish to record my thanks to the General Practitioners, other County Council departments, voluntary workers and members of my department for their helpful co-operation.

I am,

Your obedient Servant,

EVAN RICHARDS.

County Medical Officer of Health

October, 1963.



## HEALTH COMMITTEE

Chairman: Alderman E.Elias Jones

Vice-Chairman: Councillor Mrs. Gwyneth Evans

The Chairman and Vice-Chairman of the County Council

### Aldermen:

R.R.Davies;	Richard Parry;
T.E.Jenkins, O.B.E;	E.Elias Jones;
R.D.Jones;	Lewis Williams;

### Councillors:

G.R.Davies;	J.S.Jones;
G.C.Edwards;	J.Llewelyn Owen;
Mrs. Gwyneth Evans;	H.O.Powell;
W.T.Evans;	D.Llewelyn Pugh;
R.O.Griffith;	Miss Annie Roberts;
R.P.Lloyd Griffith;	G.Lloyd Roberts;
John Guest;	Gweirydd ap R.Rowlands;
Rev.E.Cadvan Jones;	W.R.Webb;

### Representing Medical Practitioners:

Dr. R.W.Edwards, Tynycoed, Dolgellau.

## SUB-COMMITTEES OF THE HEALTH COMMITTEE:

### (i) Care Committee

#### Aldermen:

R.R.Davies;	E.Elias Jones;
T.E.Jenkins, O.B.E;	Lewis Williams

#### Councillors:

Mrs. Gwyneth Evans;	R.P.Lloyd Griffith;
W.T.Evans;	Rev.E.Cadvan Jones;
R.O.Griffith;	G.Lloyd Roberts;

#### Cc-opted Members:

Dr. R.W.Edwards;  
Dr.E.Clifford Jones, (Chest Physician);  
Dr. Emlyn Owen, (Chest Physician);  
Dr. G.O.Thomas, (Chest Physician);

### (ii) Home Help and Nursing Sub-Committee

The Members of the Care Committee excluding the three Chest Physicians.

### (iii) Mental Health Sub-Committee

The Members of the Care Committee excluding the three Chest Physicians.

### (iv) Ambulance Sub-Committee

#### Aldermen:

T.E.Jenkins, O.B.E;	E.Elias Jones;
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#### Councillors:

Mrs. Gwyneth Evans;	J.Llewelyn Owen;
T. R. Webb;	

STAFF OF THE PUBLIC HEALTH DEPARTMENT

County Medical Officer of Health and Principal School Medical Officer:

Evan F.W.Richards, M.R.C.S., L.R.C.P., D.P.H.,

District Medical Officer of Health and Assistant County Medical Officer of Health:

Dafydd F.Richards, M.A., M.B., D.P.H., D.T.M.& H., D.R.C.O.G.,  
(Resigned June, 1962)

Hugh Francis, M.B., Ch.B., D.P.H.,  
(Appointed July, 1962)

Assistant County Medical Officer of Health and School Medical Officer:

Watecyn R.Williams, B.Sc., M.B., B.Ch., D.T.M.& H., D.P.H.,

Superintendent Nursing Officer:

Mrs. Eleanor Owen, S.R.N., S.C.M., Q.S., H.V.,

Deputy Superintendent Nursing Officer:

Miss M.Wynne Evans, S.R.N., S.C.M., Q.S., H.V.

Dental Surgeons:

E.Clwydwyn Jones, L.D.S.,  
Brynle Hughes, L.D.S.,

Mental Health Worker:

Mr. T.Noel Evans, B.A., B.D., A.A.P.S.W.,

Ambulance Officer:

Mr. Idris Ll.Williams

Senior Administrative Assistant:

Mr. H.J.Devey.

Clerical Staff:

Miss E.Eirianwy Roberts,  
Miss Elizabeth W.Jones,  
Miss M.Elwen P.Evans,  
Mrs. Henna Reed,  
Miss Barbara Porter (Appointed January, 1962)  
Mr.Brian Jones,

Dental Surgery Assistants:

Mrs. M.Davies,  
Miss Eira E.Parker (Resigned April, 1962)  
Miss Nova Roberts (Appointed May, 1962)

Mental Welfare Officers (Part-time)

Mr. Ieuan Ll.Roberts,  
Mr. W.G.Williams,  
Mr. T.P.Jones,  
Mr. I.O.R.Jones,

NURSING STAFF (as at 31.12.62)

Tuberculosis Health Visitor:

Miss Ceridwen Evans,

School Nurse:

Miss Olwen Gittins,

District Nurse/Midwives/Health Visitors:

Miss M.E.Davies	..	..	..	..	..	..	..	..	..	..	Dyffryn Ardudwy
Miss A.J.Evans	..	..	..	..	..	..	..	..	..	..	Celynin
Miss Eluned Griffiths.	..	..	..	..	..	..	..	..	..	..	Corris
Mrs. Enid Evans	..	..	..	..	..	..	..	..	..	..	Dinas Mawddwy
Miss Gwen Morgan Jones	..	..	..	..	..	..	..	..	..	..	Bala
Miss Megan Jones..	..	..	..	..	..	..	..	..	..	..	Corwen
Mrs. C.Downes.	..	..	..	..	..	..	..	..	..	..	Corwen
Miss Mary S.Jones.	..	..	..	..	..	..	..	..	..	..	Penrhyndeudraeth
Mrs. Ceridwen Jones	..	..	..	..	..	..	..	..	..	..	Ffestiniog
Mrs. Jane M.P.Jones	..	..	..	..	..	..	..	..	..	..	Trawsfynydd
Miss Hair W.Evans.	..	..	..	..	..	..	..	..	..	..	Barmouth
Miss A.H.Lloyd	..	..	..	..	..	..	..	..	..	..	Aberdovey

### Health Visitors:

Miss V.Jenkins .. .. . Dolgellau  
Miss M.P.Griffith .. .. . Bl.Ffestiniog  
Mrs. C.A.Jones .. .. . Towyn (Part-time)

### District Nurse/Midwives:

Mrs. Ella Hughes. .. .. . Bl.Ffestiniog  
Miss A.Fielding.. .. . Bl.Ffestiniog  
Miss F.A.Catherwood.. .. . Towyn  
Mrs. M.Roberts .. .. . Dolgellau  
Miss Glenys Jones .. .. . Relief (Full-time)  
Miss Gwyneth Edwards. .. .. . Relief (Full-time)

### District Nurses:

Mrs. M.P.Denovan. .. .. . Relief (Full-time)

### Medical Officer's (Part-time)

The following were the Medical Officers of the Infant Welfare Centres:-

Abergynolwyn .. .. .	Dr. H.Francis
Aberdovey.. .. .	Dr. T.Tibbott Davies
Bala .. .. .	Dr. M.P.Jones
Barmouth .. .. .	Dr. Roger Davies
Corris. .. .. .	Dr. H.C.Pierce
Corwen. .. .. .	Dr. D.G.Roberts
Dolgellau.. .. .	Dr. N.A.Thomas
Dyffryn Ardudwy .. .. .	Dr. Roger Davies
Blaenau Ffestiniog. .. .. .	Dr. O.Glyn Jones
Marlech .. .. .	Dr. C.Austin
Llan Ffestiniog .. .. .	Dr. D.M.Evans
Penrhyndeudraeth .. .. .	Dr. C.C.M.Watson
Towyn.. .. .	Dr. J.H.M.Lloyd
Trawsfynydd .. .. .	Dr. I.W.Griffith

### Regional Hospital Board Staff

#### Ophthalmic:

G.L.Harper, M.R.C.S., L.R.C.P., D.O., Abergele.  
T.G.Wynne Parry, M.R.C.S., L.R.C.P., D.O.M.S., Bangor.  
(Retired April, 1962)  
G.C.Laszlo, M.D., L.R.C.P., L.R.C.S., L.R.F.P.S., D.O., Bangor.  
Mrs. Enid Hughes, M.D., D.O.M.S., Ruthin.  
T.Evans-Jones, M.R.C.S., L.R.C.P., D.O.M.S., Aberayron.

#### Ear, Nose and Throat:

R.Barraclough, M.B.E., T.D., D.L.O., Wrexham.  
Eirion Jones, F.R.C.S., Bangor (Appointed January, 1962)

#### Orthopaedic:

Rowland Hughes, F.R.C.S., R.J.& A.H.Orthopaedic Hospital, Gobowen.

#### Mental Health:

J.H.O.Roberts, M.D.(Lond.), D.P.H.,  
G.Williams, M.D.(Lond.), D.P.H.,

#### Psychologists:

Dr. E.Simmons, M.D., L.R.C.P., L.R.C.S.,(Ed), L.R.F.P.S.(Glas),

#### Psychiatric Social Worker:

Miss P.M.Hammond, A.A.P.S.W.,

#### Obstetricians:

O.Vaughan Jones, M.D., F.R.C.S., F.R.C.O.G.,  
J.Gardiner Wigley, F.R.C.S.,

#### Paediatrician:

Gwyn R.Griffith, M.D., F.R.C.P., D.P.H., D.C.H.,

#### Chest Physicians:

G.O.Thomas, M.D.,  
Glyn Jones, M.D.,  
E.Clifford Jones, M.B., B.S., M.R.C.S.,

#### Venerealologist:

H.Vernon Williams, M.R.C.S, L.R.C.P.,



EXTRACTS FROM VITAL STATISTICS

Registrar General's estimated population for mid-year 1962.....										38,360.			
											<u>Total</u>	<u>M.</u>	<u>F.</u>
<u>LIVE BIRTHS:</u> .. .. .											627	359	268
Birth Rate per 1,000 estimated population:										16.34			
Birth Rate England and Wales:										18.00			
<u>Illegitimate Live Births:</u> .. .. .											49	30	19
Per cent of Total Live Births:										7.81			
<u>STILL BIRTHS:</u> .. .. .											13	8	5
Rate per 1,000 Total Live and Still Births:										20.31			
Still Birth Rate - England and Wales:										18.1			
<u>TOTAL LIVE AND STILL BIRTHS:</u> .. .. .											640	367	273
<u>INFANT DEATHS:</u> (Deaths under 1 year) .. .. .											16	13	3
Legitimate Infants .. .. .											16	13	3
Illegitimate Infants .. .. .											-	-	-
Infant mortality rate per 1,000 of legitimate infants:										27.68			
Infant mortality rate per 1,000 of illegitimate infants:										-			
Infant mortality rate per 1,000 live births:										25.51			
Infant mortality rate for England and Wales:										21.6			
Infant mortality rate for Wales:										23			
<u>NEO-NATAL DEATHS:</u> (First four weeks) .. .. .											6	6	-
Neo-natal mortality rate per 1,000 live births:										9.57			
Neo-natal mortality rate England & Wales:										15.1			
<u>EARLY NEO-NATAL DEATHS:</u> (under 1 week).. .. .											6	6	-
Early Neo-natal Mortality Rate per 1,000 Total Live Births:										9.57			
<u>PERINATAL MORTALITY</u> (Stillbirths & Deaths under 1 week) .. .. .											19	14	5
Perinatal mortality rate per 1,000 Total Live and Still births:										29.68			
<u>MATERNAL MORTALITY:</u> (including abortion) .. .. .											2	-	2
Maternal mortality rate per 1,000 Total Live and Still births:										3.12			

TABLE 1

Giving the population in 1962 (estimated) and the population as enumerated at the Census 1961, rateable value, and the product of a penny rate in the County, and the several County Districts:

	Population (estimated) by Registrar General 1962	Population Census 1961	Rateable value as at 1.4.63	Estima Produc a penny as at 1
County of Merioneth:	38,360	38,093	853,681	3,3
Total Urban Districts:	16,840	16,713	432,548	1,6
Total Rural Districts:	21,520	21,380	421,133	1,7
Urban Districts:				
Bala.....	1,610	1,603	40,854	1
Barmouth.....	2,190	2,348	66,360	2
Dolgellau.....	2,470	2,267	57,813	2
Ffestiniog.....	6,700	6,677	175,052	6
Towyn.....	3,870	3,818	92,469	3
Rural Districts:				
Deudraeth.....	7,060	7,610	163,832	6
Dolgellau.....	7,720	7,064	148,014	6
Edeyrnion.....	3,940	3,919	74,202	2
Penllyn.....	2,800	2,787	35,085	1

TABLE II

## Population

Population of the County, the total Urban and Rural Districts, and of the several County Districts for the years 1958-62.

	1958	1959	1960	1961	
County of Merioneth.....	38,100	38,600	39,140	37,740	3
Total Urban Districts.....	16,900	17,240	17,290	16,660	1
Total Rural Districts.....	21,200	21,360	21,850	21,080	2
Urban Districts:					
Bala.....	1,550	1,550	1,580	1,610	
Barmouth.....	2,300	2,310	2,310	2,250	
Dolgellau.....	2,470	2,470	2,480	2,470	
Ffestiniog.....	6,430	6,550	6,600	6,600	
Towyn.....	4,150	4,360	4,320	3,730	
Rural Districts:					
Deudraeth.....	6,580	6,670	6,720	6,790	
Dolgellau.....	7,820	7,900	8,250	7,600	
Edeyrnion.....	4,080	4,070	4,150	3,910	
Penllyn.....	2,720	2,720	2,730	2,780	

TABLE III

Giving the principal causes of deaths, with the numbers in the County, Urban and Rural Districts, with percentage of the total deaths in 1962.

	Number of deaths 1962			Deaths in Urban Districts	Deaths in Rural Districts	Percentage of total Deaths in 1962
	Total	Males	Females			
Col. 1	2	3	4	5	6	7
Heart Diseases.....	191	81	110	86	105	33.33
Other diseases of the circulatory system...	20	8	12	9	11	3.50
Cancer.....	86	42	44	38	48	15.00
Structural lesions of the nervous system...	102	38	64	41	61	17.80
Glomerulonephritis & Nephrosis..	7	1	6	2	5	1.22
Pulmonary Tuberculosis.	4	4	-	1	3	0.69
Bronchitis.....	17	12	5	10	7	2.96
Pneumonia.....	22	10	12	10	12	3.85
Influenza.....	2	1	1	1	1	0.35



TABLE IV.

Showing the total number of deaths, and for each sex, in the County Districts, with the rates per 1,000 of population for 1962 and for the previous nine years.

	1962			Death Rate per 1,000 population 1962	Death rates per 1,000 of population									
	Number of deaths				1953	1954	1955	1956	1957	1958	1959	1960	1961	
	Males	Females	Total											
Col.1	2	3	4	5	6	7	8	9	10	11	12	13	14	
England and Wales.....	235151	272478	557,629	11.9	11.4	11.3	11.7	11.7	11.5	11.7	11.6	11.5	12.0	
County of Merioneth.....	262	311	573	14.93	14.05	14.58	14.28	13.79	13.97	15.33	14.11	14.38	15.66	
Total Urban Districts..	115	137	252	14.96	14.70	15.13	14.94	16.08	13.61	15.44	14.96	14.69	15.30	
Total Rural Districts..	147	174	321	14.91	13.56	14.16	13.77	12.13	14.20	15.23	13.43	14.14	15.93	
Urban Districts:														
Bala.....	14	21	35	21.73	15.18	14.0	19.87	15.28	13.46	16.12	13.54	17.08	20.49	
Barmouth.....	20	26	46	21.00	14.22	17.57	15.45	16.31	15.58	15.22	17.31	10.82	20.00	
Dolgellau.....	17.	24	41	16.59	13.10	11.07	14.34	12.04	14.11	11.34	13.76	13.71	10.93	
Ffestiniog.....	47	38	85	12.69	16.59	18.62	15.41	18.96	14.17	19.13	16.94	17.42	17.12	
Towyn.....	17	28	45	11.62	12.94	11.29	12.59	14.16	11.37	12.05	11.92	12.26	09.91	
Rural Districts:														
Deudraeth.....	54	70	124	17.56	16.78	18.37	16.73	16.11	19.09	18.39	14.54	16.96	19.30	
Dolgellau.....	51	55	107	13.86	11.53	10.47	11.81	8.78	11.64	14.58	12.53	12.97	13.42	
Edeyrnion.....	25	32	57	14.46	14.07	17.96	15.96	14.21	14.42	14.70	16.46	13.97	17.64	
Penllyn.....	17	16	33	11.78	9.65	10.00	10.53	11.54	10.18	10.29	8.82	10.98	12.23	



TABLE V. CANCER

Giving the number of cases, male and female, whose deaths have been registered from this cause, together with rate per 1,000 estimated population for 1952, and five previous years.

	1962			Death Rate per 1,000 of population 1962	Death rates per 1,000 of estimated population in the years					
	Number of deaths				1957	1958	1959	1960	1961	
	Males	Females	Total							
Col. 1	2	3	4	5	6	7	8	9	10	
County of Merioneth.....	42	40	82	2.13	2.15	2.81	2.15	2.22	2.62	
Total Urban Districts.....	20	16	36	2.13	2.12	2.96	2.26	2.08	2.34	
Total Rural Districts.....	22	24	46	2.13	2.17	2.69	2.06	2.33	2.84	
Urban Districts:										
Bala.....	3	2	5	3.10	1.28	3.22	3.22	1.89	4.34	
Barmouth.....	1	4	5	2.28	1.29	3.48	2.60	2.16	2.66	
Dolgellau.....	3	3	6	2.43	2.01	1.21	1.62	1.61	1.61	
Ffestiniog.....	6	4	10	1.49	2.15	3.89	3.05	2.72	2.27	
Towyn.....	7	3	10	2.58	2.90	2.17	0.91	1.39	1.87	
Rural Districts:										
Deudraeth.....	9	10	19	2.69	2.42	2.89	2.09	2.08	3.82	
Dolgellau.....	9	8	17	2.20	2.31	2.31	2.53	2.91	2.36	
Edeyrnion.....	1	3	4	1.01	1.22	2.69	1.47	3.13	2.81	
Penllyn.....	3	3	6	2.14	2.55	1.34	1.47	0.36	1.79	

TABLE VI

The following Table gives the sites of Cancer and the number who died (males and females) in each Sanitary District in the County in 1952.

	Cancer of Uterus		Cancer of stomach		Cancer of breast		Cancer of lung & bronchus		Cancer of all other sites		Total both sexes
	M	F	M	F	M	F	M	F	M	F	
Col. 1	2	3	4	5	6	7	8	9	10	11	12
County of Merioneth.....	7	1	11	3	-	7	7	5	24	19	32
Total Urban Districts.....	-	1	5	6	-	1	4	2	11	6	36
Total Rural Districts.....	-	-	6	2	-	6	3	3	13	13	46
Urban Districts:											
Bala.....	-	1	1	1	-	-	-	-	2	-	5
Barmouth.....	-	-	-	2	-	1	-	-	1	1	5
Dolgellau.....	-	-	-	3	-	-	1	-	2	-	6
Ffestiniog.....	-	-	3	-	-	-	-	1	3	3	10
Towyn.....	-	-	1	-	-	-	3	1	3	2	10
Rural Districts:											
Deudraeth.....	-	-	-	1	-	3	2	2	7	4	19
Dolgellau.....	-	-	4	-	-	1	1	1	4	6	17
Edeyrnion.....	-	-	1	1	-	2	-	-	-	-	4
Penllyn.....	-	-	1	-	-	-	-	-	2	3	6

## GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA

### Laboratory Facilities

The Public Health Laboratory at Conway continued to give excellent service during the year. It is hoped that the Public Health Laboratory facilities will become available at Aberystwyth again within the not too distant future.

### Ambulance Service

#### Staff

I, unfortunately, have to record the death at the end of the year of Ambulance Driver Gwilym Roberts, Dolgellau. Mr. Roberts was one of the original drivers appointed when the County Council took over the service in 1948, and I would like to pay tribute to the loyal and excellent service which he gave to the Ambulance Service.

It was resolved during the year to appoint a Part-time Ambulance Attendant for the Blaenau Ffestiniog area. Mrs. G.M.Owen was appointed to this post and commenced duties in November.

#### Ambulance Depot - Dolgellau

Temporary arrangements were made for the Ambulances to be garaged at Llwyn Depot until the new premises purchased in Arran Road were ready for occupation.

#### New Vehicles

To provide a service under adverse road and weather conditions, two Land Rover Ambulances were purchased and stationed at Dolgellau and Blaenau Ffestiniog.

#### Training of Resuscitation

Direct artificial respiration in which the rescuer uses his own expired air to inflate the lungs of a patient is now generally acknowledged to be the most effective of the various methods that are normally available to the first aider. A Training Manikin was purchased and demonstrations and training sessions were given to approximately 1,000 persons including grammar school pupils.



# AMBULANCE SERVICE

Work carried out by the Ambulance Service during the year 1962.

STATION:	No. of Ambulances	No. of Utilicons	Own Sitting Case Car.	Full-time Drivers	Part-time Drivers	Stretcher Cases	Sitting Cases	TOTAL Patients	Journeys	Mileage
DOLGELLAU - Ambulances.....	4	-	-	4	-	487	1608	2095	764	70499
Own S/C Car.....	-	-	1	-	-	-	805	805	276	12950
BLAENAU FFESTINIOG Ambulances.....	3	-	-	3	-	512	2849	3361	1066	57701
Own S/C Car.....	-	-	1	-	-	-	162	162	49	1020
PENRYNDEUDRAETH.....	1	-	-	1	-	165	898	1063	312	24146
CORMEN.....	1	-	-	-	1	91	974	1065	300	18774
TOFTYN.....	1	-	-	-	1	206	1077	1283	373	18687
BARMOUTH.....	1	-	-	-	1	192	1198	1390	377	29380
BALA.....	1	-	-	-	1	177	596	773	291	20572
TOTAL.....	12	-	2	8	4	1830	10167	11997	3808	253729

## HIRED SITTING-CASE CARS

1960			1961			1962		
Journeys	Patients	Mileage	Journeys	Patients	Mileage	Journeys	Patients	Mileage
123	213	3235	109	201	3352	152	281	5206

The figures for 1960 include 9 journeys to and from Manchester totalling 1394 miles.  
The figures for 1961 include 12 journeys to and from Manchester totalling 1777 miles.  
The figures for 1962 include 13 journeys to and from Manchester totalling 2070 miles.

These journeys are rechargeable to the Education Committee.



Total number of patients, journeys and mileage for 1962 by County Council vehicles, and sitting-case cars, with comparative figures for 1960 and 1961.

	<u>1960</u>	<u>1961</u>	<u>1962</u>
Total Patients.....	10,385	11,245	12,278
Total Journeys.....	3,834	3,885	3,960
Total Mileage.....	246,857	255,603	258,935

Patients conveyed to distant hospitals and towns:-

Destination	No. of patients	Journeys	Mileage	Ambulance Station
Birmingham.....	1	1	209	Dolgellau
Blackpool.....	1	1	256	Bl.Ffestiniog
Cardiff.....	5	2	395	Dolgellau
Cardiff.....	1	1	211	Towyn
Cardiff Malvern.....	1	1	299	Dolgellau
Cardiff.....	73	37	7049	Dolgellau
Cardiff.....	104	37	6536	Bl.Ffestiniog
Cardiff.....	30	16	2980	Penrhyndeudraeth
Cardiff.....	2	2	267	Bala
Cardiff.....	1	1	176	Barmouth
Cardiff Wells.....	4	1	212	Dolgellau
Cardiff Wells.....	16	4	890	Bl.Ffestiniog
Cardiff Wells.....	16	4	764	Penrhyndeudraeth
Cardiff.....	4	2	450	Dolgellau
Cardiff.....	1	1	209	Bl.Ffestiniog
Cardiff.....	1	1	239	Penrhyndeudraeth
Cardiff.....	1	1	169	Corwen
Cardiff.....	1	1	178	Dolgellau
Total.....	263	114	21489	

Patients conveyed by rail during the year 1962:-

10 patients were conveyed by rail:-

Cardiff.....	1
High Wycombe, Bucks.....	1
London.....	2
Liverpool.....	2
Llandudno.....	1
Southend-on-Sea.....	1
Wrexham.....	2

Patients conveyed by Merioneth Ambulances on behalf of  
other Authorities during the year 1962:-

Authority:	Stret- cher cases	Sitt- ing cases	Total Patients	Journeys	Mileage	
					Ambulances	Sitti Case
Anglesey C.C.....	1	1	2	<sup>x</sup> R.A.	-	-
Caernarvon C.C.)....	35	4	39	39	524	10
.....	3	10	13	<sup>x</sup> R.A.	-	-
Cheshire C.C.....	-	1	1	<sup>x</sup> R.A.	-	-
Cardigan C.C.....	-	5	5	<sup>x</sup> R.A.	-	-
Denbighshire C.C.)..	3	2	5	5	116	48
.....	1	2	3	<sup>x</sup> R.A.	-	-
Devon C.C.....	1	-	1	1	25	-
Liverpool Ambulance Service.....	-	3	3	3	-	125
Merioneth Education Committee.....	-	46	46	12	-	2404
Montgomeryshire C.C.)	1	2	3	2	22	36
.....	-	5	5	<sup>x</sup> R.A.	-	-
Shropshire C.C.)....	1	-	1	1	20	-
.....	-	1	1	<sup>x</sup> R.A.	-	-
	46	82	128	63	707	2623
Local Mines and Chemical Factory..	1	-	1	1	4	-

Merioneth patients conveyed by other Authorities during  
the year 1962:-

Caernarvon C.C.)....	2	15	17	15	105	42
.....	-	14	14	<sup>x</sup> R.A.	-	-
Denbighshire C.C....	6	7	13	12	357	238
Liverpool Ambulance Service.....	-	1	1	1	-	9
Montgomeryshire C.C.	2	15	17	15	105	42
	10	52	62	43	567	331

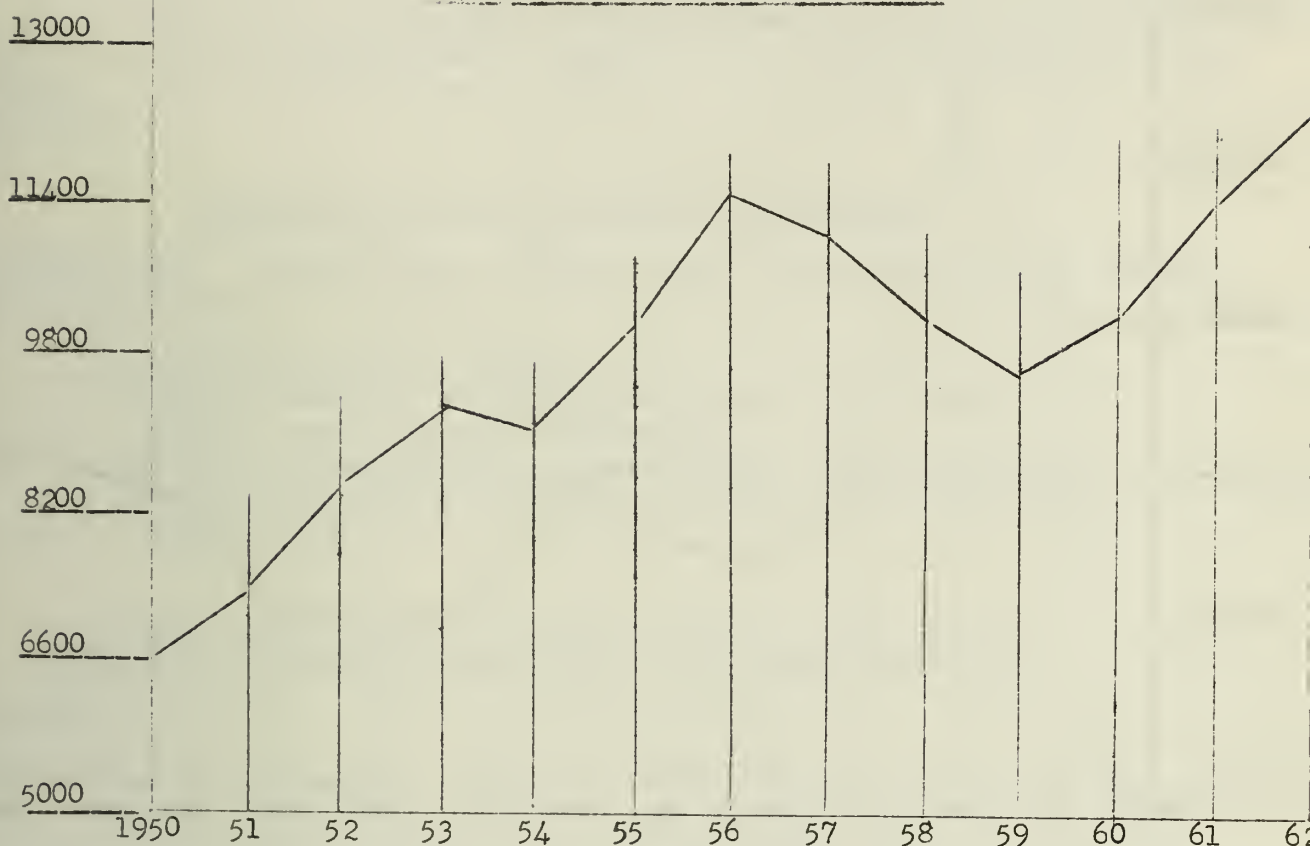
<sup>x</sup> R.A. - These patients were conveyed by Reciprocal Arrangement  
and the Authority was not charged.

Total number of patients removed by County Council vehicles,  
hired "sitting-case" cars, train and other Authorities:-

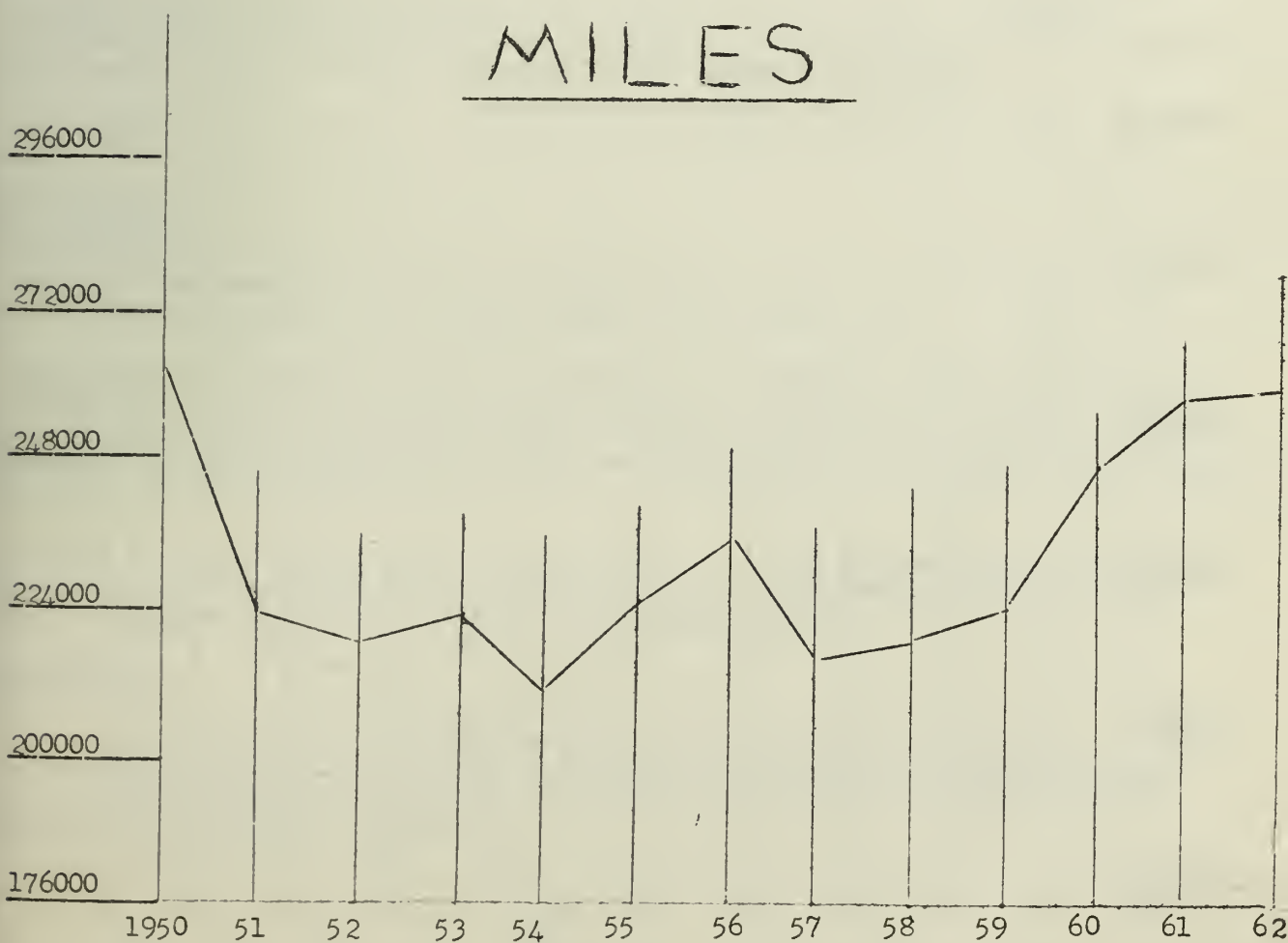
	<u>1960</u>	<u>1961</u>	<u>1962</u>
Patients.....	10,428	11,297	12,350
Journeys.....	3,874	3,931	4,012
Mileage.....	248,484	258,390	261,543

AMBULANCE SERVICE  
1950 - 1962

PATIENTS



MILES



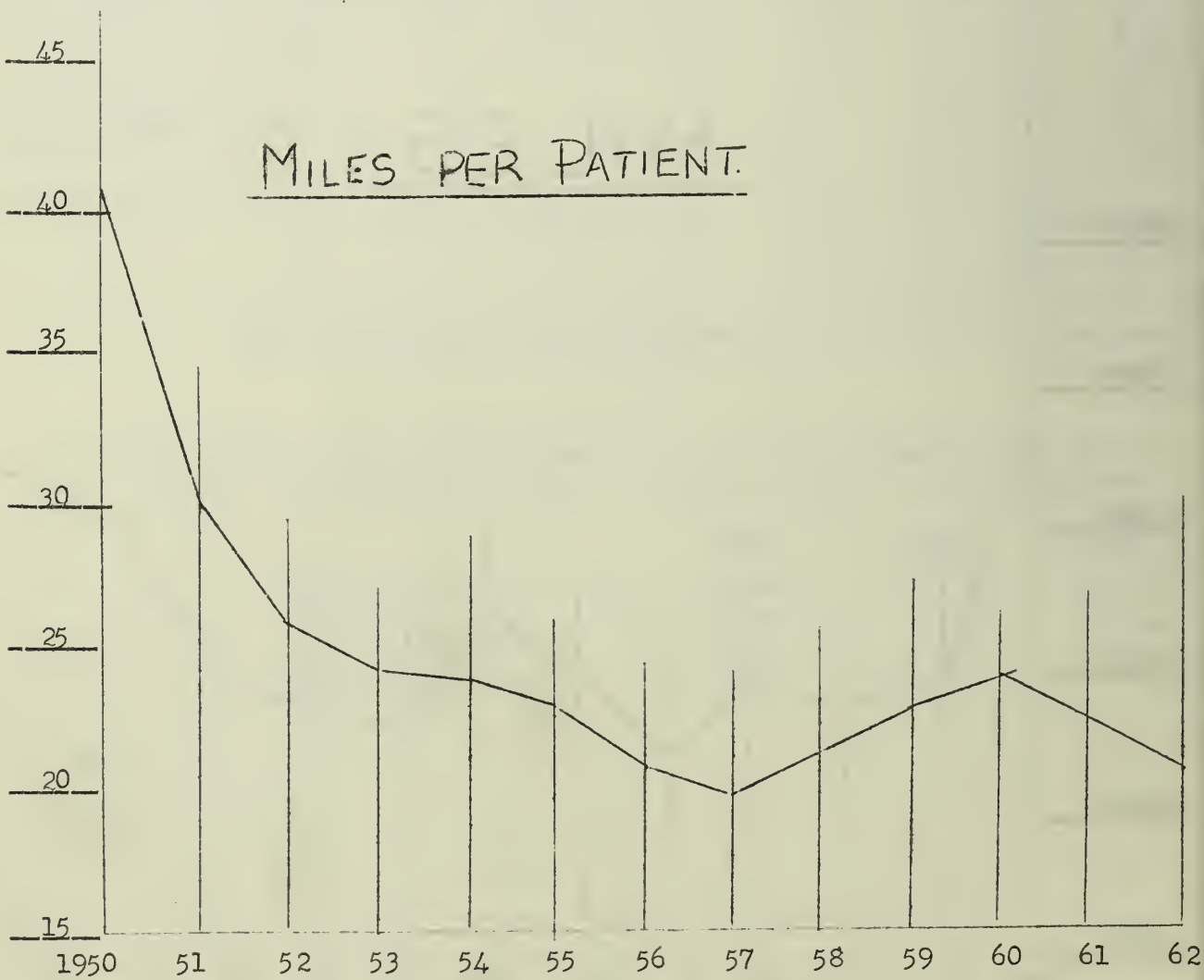
# AMBULANCE SERVICE

1950 - 1962

## No. OF JOURNEYS



## MILES PER PATIENT.





## VENEREAL DISEASES

One clinic is held in the County at Blaenau Ffestiniog by a consultant from Bangor.

## HOUSING FOR THE ELDERLY

The Council continued to subsidise new accommodation for elderly people and during the year approval was given to schemes in Dolgellau R.D.C. (at Llanelltyd, Llwyngwriil, Ganllwyd, Pantperthog and Abergynolwyn), Llangernion R.D.C. (at Gwyddelwern), Penllyn R.D.C. (at Llandderfel) and Blaenau Ffestiniog U.D.C. There is a growing awareness of the value of this accommodation.

## SCHEME FOR WATER SUPPLIES AND SEWERAGE

During 1962, the following schemes were considered by the Council for grant purposes:-

Rhosygwalia Water Scheme.  
Bala and Penllyn Joint Water Scheme including the Bethel and Glanrafon extension.  
Llidiart-y-parc Sewerage and Sewage Disposal Scheme.  
Mawddach Comprehensive Water Scheme (Dolgellau R.D.C. and U.D.C)

## NURSING IN THE HOMES, MIDWIFERY AND HEALTH VISITING

### Home Nursing

The number of patients attended at home was fewer than in the previous year but the number of visits was slightly increased. This tendency was most marked in the age group over 65, and will probably continue in view of the age structure of the population.

### Midwifery

Though there was an increase of seven in the number of home confinements the percentage was under 10% of the total registered births, i.e. well under the 30% suggested in the Cranbrook report.

The number of births in institutions within the County fell by eighteen.

### Health Visiting

A full-time Health Visitor was appointed for the Dolgellau area during the latter part of the year under consideration.

The field of work in health visiting is changing and more emphasis must in the future be laid on increasing the liaison between the Health Visitor and the General Practitioner. There has always been considerable co-operation in this County but with developments in community care this link must be made stronger.

Health Education and preventive work in special problems must also be expanded and I believe these changes will be reflected in any new programme brought out for training health visitors.

### Phenylketonuria

All infants are now tested for this rare metabolic disorder. This condition unless detected within the first few weeks of life can give rise to severe mental retardation, unless appropriate treatment and management is undertaken early.

## SOCIAL WELFARE

The Welfare Department is under the charge of the Welfare Officer who is responsible to the County Council through the Welfare Committee. Welfare schemes for the aged, blind and deaf and other disabled persons are being run by the County Council. There are three Homes for the Aged in the County at Barmouth, Bala and Towyn and part of Bron-y-Garth, Penrhyndeudraeth is also available for old people.

All blind persons of whom there were 92 on the register at the end of the year are visited by the Home Teacher for the Blind and the Visitor/Craft Instructor teaches handicrafts to the disabled. There is co-operation between the North Wales Society for the Blind, the Chester and North Wales Deaf and Dumb Society and the Welfare Department.

The Children's Officer is responsible to the Children's Committee for children committed to the care of the County Council and other child care problems. The Council has one Children's Home at Llan Ffestiniog. There has been close co-operation between Officers of the Welfare Department, Children's Department and the Health Department.

The Care Committee, a sub-committee of the Health Committee provide assistance in kind for the sick and ailing and in the financial year 1962/63 the Committee spent £2,478 on after-care. The Voluntary Old People's Welfare Committee under the auspices of the Merioneth Social Services Committee provided assistance to a few needy cases.

There are two Family Planning Clinics in the County - one at Blaenau Ffestiniog and one at Dolgellau. These clinics are run by voluntary associations. The County Council, however, gives a financial contribution towards both clinics and provides accommodation, free of charge, for the clinic at Blaenau Ffestiniog. Dates and times of the clinics are as follows:-

Blaenau Ffestiniog.. .. .	Second and fourth Wednesday in the month at 2 p.m.
Dolgellau .. .. .	Second Wednesday and fourth Monday in the month at 2 p.m.

## CHIROPODY SERVICE

The County Council continued to provide Chiropody Service which provides treatment for the elderly, expectant mothers and handicapped persons at a standard charge of 2/-d per treatment. Three part-time Chiropodists are employed - two employed directly by the County Council and one through the agency of the Merioneth Rural Community Council. The County Council resolved in June to provide domiciliary treatment for certain approved cases at no extra cost to the patient.

There is no doubt that the Chiropody Service is fulfilling a distinct need in the Community and this is reflected in a steadily increasing demand for appointments at the clinics. The County Council are considering the appointment of a full-time Chiropodist in the future.

The days and places of the clinics are as follows:-



Centre:	Clinic:	Times:	Day:
ABERGAVENNY	The Institute	10 a.m. - 1 p.m. 2 p.m. - 5 p.m.	First Thursday following second Wednesday in each month.
CORDEBEN	Council Offices	9.30 a.m. - 3.30 p.m.	First Thursday in each month.
BELFRISTON	Isallt Clinic	9.30 a.m. - 12.30 p.m. 1.30 p.m. - 2.30 p.m.	First Friday in each month. Third Wednesday in each month.
HALEIGH	Amwy	9 a.m. - 12 noon 1 p.m. - 2.30 p.m.	Second Wednesday in each month.
DOLGELLAU	British Red Cross H.Q.	9.30 a.m. - 12.30 p.m. 1.30 p.m. - 2.30 p.m.	First Wednesday in each month. Third Friday in each month.
GOWTH	The Institute	10.30 a.m. - 1.15 p.m.	Second Wednesday in each month.
BALA	Hafan Clinic	9 a.m. - 3 p.m.	Third Thursday in each month.
BEANIOWT	Hurse's Surgery	9.30 a.m. - 12.30 p.m.	Last Friday in each month.
PENRHINDDEUDRAETH	Llanarres	By appointment with Chiropodist	
LLANFFESTINIOL	Caban	9.30 a.m. - 12.30 p.m.	Fourth Wednesday every other month.
COARIS	The Surgery	3 p.m. - 6 p.m.	Second Wednesday in each month.
ABERGYNOLLYN	The Institute	10 a.m. - 1 p.m.	The Friday following the second Wednesday every other month.
TRAFWSFYNDD	Arwel	9.30 a.m. - 12.30 p.m.	The fourth Wednesday every other month.

## IMMUNISATION

During the year the County Council changed over from the use of single vaccines for Diphtheria and Whooping Cough to Triple Antigen, which is a combined vaccine giving immunity from Diphtheria/Whooping Cough and Tetanus. This Triple Antigen is now used by the Authority's Medical Officers and is available, free of charge, for use at Infant Welfare Clinics throughout the County.

Tables VII and VIII give the figures for Immunisation against Diphtheria and Immunisation against Whooping Cough. These figures include the immunisations with Triple Antigen given since July which have been recorded in both the Diphtheria and Whooping Cough Tables this year, but which will in future be recorded on one Table under the heading 'Immunisation - Triple Antigen'.

## VACCINATION AGAINST SMALLPOX

Table IX shows the figures for vaccination against Smallpox during the year and it will be seen from this Table that 2688 Primary Vaccinations and 2089 Re-vaccinations were given throughout the County. This figure is very much inflated compared with previous years, the reason being the smallpox outbreak which occurred in this country at the beginning of the year. The vast majority of these vaccinations were given during that two to three month period, and the numbers had settled back to their usual pattern by the end of the year.

## VACCINATION AGAINST POLIOMYELITIS

The programme of vaccination against Poliomyelitis for adults and children was continued throughout the year both by the local authority Medical Officers at clinics held in schools and other premises throughout the County and by General Practitioners.

Oral Vaccination against Poliomyelitis by means of Sabin Oral Vaccine was commenced on the 1st March and proved to be, from its commencement more acceptable to the public than the previous Salk type vaccine given by means of injection, 1400 doses being given during the first three months of its use.

A stock of Salk Vaccine is still kept by the Authority and is available for cases in which it is requested specially by the patient or the General Practitioner. By the end of the year, however, these requests were very few and far between, and no more than 10 doses are now used in a month.

Up to the 31st December, 11,030 persons in the County had received three doses of Poliomyelitis Vaccine and 3,500 schoolchildren under 12 years of age had received the fourth dose.



TABLE VII  
IMMUNISATION AGAINST DIPHTHERIA  
(Including those given Triple Antigen after July)

No. of children immunised -- Born in																	
1962		1961		1960		1959		1958		1953-57		1948-52		Total			
N.	R.	N.	R.	N.	R.	N.	R.	N.	R.	N.	R.	N.	R.	N.	R.		
County of Merioneth...	99	1	277	-	46	1	16	2	41	35	244	-	7	475	296		
Total Urban Districts.	47	1	145	-	22	1	9	1	27	28	114	-	1	253	145		
Total Rural Districts.	52	-	132	-	24	-	7	1	14	7	130	-	6	222	151		
Urban Districts:																	
Bala.....	6	-	15	-	2	-	2	1	5	12	10	-	1	37	17		
Barmouth.....	4	1	11	-	2	-	-	-	1	-	14	-	-	17	16		
Dolgellau.....	14	-	11	-	3	-	-	-	18	6	23	-	-	35	41		
Ffestiniog.....	15	-	68	-	10	1	2	-	1	2	50	-	-	98	52		
Towyn.....	8	-	40	-	5	-	5	-	2	8	17	-	-	66	19		
Rural Districts:																	
Deudraeth.....	21	-	42	-	7	-	5	-	4	-	66	-	2	75	72		
Dolgellau.....	20	-	45	-	10	-	1	-	7	6	33	-	4	82	44		
Edeyrnion.....	6	-	19	-	2	-	-	-	1	1	9	-	-	28	10		
Fenllyn.....	5	-	26	-	5	-	1	1	2	-	22	-	-	37	25		

TABLE VIII

IMMUNISATION AGAINST WHOOPING COUGH  
(Including those given Triple Antigen after July)

DISTRICTS:	Number of children immunised during the year ended 31st December, 1962.							
	1962	1961	1960	1959	1958	1953-57	1948-52	Total
BALA URBAN.....	6	14	1	1	-	2	-	24
BARTHOUD URBAN.....	4	11	1	-	-	-	-	16
BOLGELLAU URBAN.....	14	11	2	-	-	1	-	28
FFESTINIOW URBAN.....	15	51	5	2	-	4	-	77
TONYD URBAN.....	3	39	4	4	-	5	-	60
DEUDRAETH RURAL.....	21	43	7	5	-	-	-	76
BOLGELLAU RURAL.....	20	42	3	-	-	2	-	72
EDDYNNION RURAL.....	6	18	2	-	-	-	-	26
PENLILYN RURAL.....	5	25	4	-	-	-	-	34
TOTAL.....	99	254	34	12	-	14	-	413

TABLE IX

## VACCINATION AGAINST SMALLPOX

DISTRICT:	Primary						Re-Vaccination					
	Under 1	1	2-4	5-14	15 +	Total	Under 1	1	2-4	5-14	15 +	Total
BALA UREAN.....	28	4	7	29	39	107	-	-	1	13	109	123
BARCUTI UREAN.....	26	7	12	97	231	373	-	-	1	6	22	29
DOLGELLAU UREAN.....	26	3	2	40	100	171	-	-	1	31	31	113
FFRESTINIOW UREAN.....	57	24	54	154	239	528	-	-	5	38	217	260
TOWYN UREAN.....	28	3	17	89	120	257	-	-	16	185	500	701
DEUDRAETH RURAL.....	61	14	39	124	196	434	-	-	10	101	266	377
DOLGELLAU RURAL.....	42	17	23	175	378	635	-	-	6	63	265	334
EDEYRNION RURAL.....	19	1	8	14	11	53	-	-	-	1	39	40
PENLLYN RURAL.....	26	2	4	24	27	83	1	-	-	3	32	36
L.E.A.....	1	-	-	20	26	47	-	-	-	5	71	76
TOTAL.....	314	75	166	766	1367	2688	1	-	40	446	1602	2089



## MENTAL HEALTH SERVICES

The Mental Health Worker was away during the first 9 months of the year attending a course in Psychiatric Social Work at Manchester University but before the end of the year it was possible to see the lines on which the County's Mental Health Service could best be developed. The service is intended to meet the needs of (a) the mentally subnormal and severely subnormal and (b) the mentally ill.

As regards (a) it was thought best to deal first with children under 16 years of age by providing two Day Training Centres, one at Dolgellau and one at Blaenau Ffestiniog. Attempts to find suitable accommodation were not successful before the end of the year but we can be certain that before the end of 1963 a fair proportion of the County's mentally subnormal children will be receiving instruction at Training Centres. The adults in this section, as has been the custom for some years were visited by Health Visitors, and, in cases of special need by the Mental Health Worker also. Short term accommodation at Hospitals was arranged for both children and adults when this was essential. At a later date it may be necessary to go into the question of hostel accommodation and sheltered workshops, especially for those children who will have achieved a certain amount of independence through attendance at Junior Training Centres.

O.P.Clinics are held at Garth Angharad Hospital where subnormal patients are seen by Dr. Craft, Consultant Psychiatrist and Medical Superintendent of Oakwood Park Hospital, Conway.

As regard (b) above, it is not the aim of the Mental Health Service to unnecessarily pursue all patients who have received Psychiatric treatment if they are able to resume their normal life without any difficulty. Where help is needed the patient is referred by the Hospital, either to its own P.S.W.Dept, or to the Local Health Authority depending on which, in the view of the Medical Officer concerned, will best assist the patient. Other patients may be referred by their own Doctors, by Health Visitors, or by an anxious relative. These latter are often referred before a Psychiatrist has been seen but it is usually possible to persuade a patient to visit an Out Patients' Clinic when this is thought advisable.

Out Patients Clinics are held once a month at Dolgellau, where patients are seen by a Consultant from the North Wales Hospital, Denbigh. A number of patients attend Out Patients Clinics outside the County, e.g. at Wrexham and Bangor.

The staff at present comprises the Mental Health Worker, who is now a qualified Psychiatric Social Worker, and four part-time Mental Welfare Officers, each covering one area of the County, mainly for the purpose of admission of patients under Section 25, 26 and 29 of the Mental Health Act, 1959.

The County Welfare Officer also participates in the Mental Health Service in that members of his staff visit some mentally disordered patients who can benefit from having handicrafts to do at home and a few patients also attend Social Centres run by the Welfare Staff.

## EPILEPTICS AND SPASTICS

Reports are received periodically from various hospital clinics on Epileptic and Spastic Children. One child admitted to Maghull Home for Epileptics in 1956 left the school in April and another child was admitted to the school in May.



	Mentally ill				Psycho-pathic				Subnormal				Severely subnormal				Totals			
	Under age 16		16 and over		Under age 16		16 and over		Under age 16		16 and over		Under age 16		16 and over		Under age 16		16 and over	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
(1)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
1. Admissions to guardianship of L.H.A. or other guardian during the year ended 31.12.62.....	NIL																			
2. Total number under guardianship at 31.12.62. L.H.A.. Other..	NIL																			
3. Number of patients under L.H.A. care at 31.12.62																				
(a) Total number.....	-	-	5	8	-	-	-	-	10	4	15	21	2	2	2	3	12	6	22	32
(b) Attending day training centre.....	NIL																			
Awaiting entry thereto....	-	-	-	-	-	-	-	-	8	2	11	12	2	2	-	-	10	4	11	12
(c) Resident in residential training centre.....	NIL																			
Awaiting residence therein	NIL																			
(d) Receiving home training....	-	-	1	-	-	-	-	-	1	-	4	5	-	1	-	-	1	1	5	5
Awaiting home training....	NIL																			
(e) Resident in L.A. home/hostel	NIL																			
Awaiting residence in L.A. home/hostel.....	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Resident at L.A. expense in other residential homes/ hostels.....	NIL																			
Resident at L.A. expense by boarding out in private household.....	NIL																			
(f) Receiving home visits and not included under (b) to (e).....	NIL																			

Number of patients awaiting entry to hospital, or admitted for temporary residential care during 1962

	Mentally ill				Psychopathic				Subnormal				Severely subnormal				Totals			
	Under age 16		16 and over		Under age 16		16 and over		Under age 16		16 and over		Under age 16		16 and over		Under age 16		16 and over	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
1. Number of patients in L.H.A. area on waiting list for admission to hospital at 31.12.62.....	NIL																			
2. Number of admissions for temporary residential care (e.g. to relieve the family)	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	2	-	-	-
(a) To N.H.S. hospitals.....	NIL																			
(b) To L.A. residential accommodation.....	NIL																			
(c) Elsewhere.....	NIL																			

Number of patients referred to Local Health Authority during the year

	Under age 16		16 and over		Under age 16		16 and over		Under age 16		16 and over		Under age 16		16 and over		Under age 16		16 and over	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
(a) General practitioners.....	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
(b) Hospitals, on discharge from in-patient treatment....	-	-	3	5	-	-	-	-	-	-	1	1	-	-	-	-	-	-	4	6
(c) Hospitals, after or during out-patient or day treatment	NIL																			
(d) Local education authorities.	NIL																			
(e) Police and courts.....	NIL																			
(f) Other sources.....	-	-	2	3	-	-	-	-	-	-	-	4	-	-	-	-	-	-	2	7

### BLIND PERSONS

Number of blind persons on register on 31st December, 1962 - 92.

Age:	1-10	11-20	21-30	31-39	40-59	60-69	70+	Total
les.....	1	-	-	2	15	7	12	37
males.....	-	-	-	2	4	8	39	55

Follow up of registered blind and partially blind persons:

	Cause of Disability:			
	Cataract	Glaucoma	Retrolental Fibroplasia	Others
Number of cases registered during the year in respect of which para.F(1) of Forms B.D.8 recommends:-				
(a) No Treatment.....	6	2	-	3
(b) Treatment (medical, surgical or optical).....	4	-	-	-

Number of deaths during year ended 31st December, 1962 - 13.

### OPHTHALMIA NEONATORUM

No cases of Ophthalmia Neonatorum were notified during the year.

### DENTAL TREATMENT

Number of children under school age treated by Dentist at School Clinics:-

Number of children examined..... 252  
Number of children requiring treatment..... 158  
Number of children treated..... 80

Once again, there were no maternity cases referred for dental treatment by the Dental Staff of the Council. Local dental practitioners are able to give priority treatment to expectant and nursing mothers and the mothers prefer to continue any treatment with their own dentist.

### ANTE-NATAL AND POST-NATAL CLINICS

Ante-Natal Clinics were held by Consultants by arrangements with the Regional Hospital Board at:-

Blaenau Ffestiniog.....1st and 3rd Mondays in each month.  
Dolgellau.....2nd and 4th Mondays in each month.  
Towyn.....Last Wednesday in each month.  
Bala.....Second Wednesday in each month.

Attendances at the Ante-Natal Clinics were as follows:-

	Maternity			Gynaecology		TOTAL
	New	Old	Post-natal	New	Old	
Ffestiniog....	188	562	48	5	4	807
Dolgellau.....	65	120	23	66	89	363
.....	14	27	-	9	5	55
Total.....	267	709	71	80	98	1225



TABLE XI

Number of Midwives practising in the area of the Local Supervising Authority on 31st December, 1962.

	Domi- ciliary Midwives	Midwives in Institutions	T
(a) Midwives employed by the Authority....	18	-	
(b) Midwives employed by Voluntary Organisations:-			
(i) Under arrangements with the Local Health Authority in pursuance of Section 23 of the N.H.S. Act, 1946...	-	-	
(ii) Otherwise (incl. hospitals not transferred to the Minister under the N.H.S. Act).....	-	5	
(c) Midwives employed by Hospital Management Committees or Boards of Governors under the N.H.S. Act:-			
(i) Under arrangements with the Local Health Authority in pursuance of Section 23 of the N.H.S. Act, 1946..	-	-	
(ii) Otherwise.....	-	4	
(d) Midwives in Private Practice (incl. Midwives employed in Nursing Homes)...	-	-	
Totals.....	18	9	

TABLE XII

Number of deliveries attended by Midwives in the area during the year 1962.

	DOMICILIARY CASES					Totals
	Doctor not booked		Doctor booked			
	Doctor present at time of delivery of child	Dr.not present at time of delivery of child	Doctor present at time of delivery of child	Dr.not present at time of delivery of child		
(a)Midwives employed by the Authority.....	4	15	13	27	59	
(b)Midwives employed by Voluntary Organisations.						
(i)Under arrangements with Local Health Auth. in pursuance of Sect.23 of the N.H.S.Act 1946	-	-	-	-	-	
(ii)Otherwise (incl. Hospitals not transferred to the Minister under the N.H.S.Act.....	-	-	-	-	-	
(c)Midwives employed by Hosp Management Committees Boards of Governors under the N.H.S.Act.....	-	-	-	-	-	
(d)Midwives in Private Practice (incl.Midwives employed in Nursing Homes)	-	-	-	-	-	
Total.....	4	15	13	27	59	

Number of cases delivered in institutions but attended by domiciliary midwives on discharge from the Institution before the tenth day - 221.

### MATERNITY OUTFITS

65 outfits were issued during the year. The outfits are issued free of cost to domiciliary cases.

### DOMESTIC HELP SERVICE

Number of Home Helps employed on 31st December, 1962:-

Full-time.. .. .	-
Part-time.. .. .	95

A total of 159 Home Helps were employed during the year. Number of cases for whom Home Helps were provided during the year:-

(a) Maternity (incl.expectant mothers) .. .. .	2
(b) Tuberculosis. .. .. .	1
(c) Chronic Sick incl. aged and infirm .. .. .	136
(d) Others .. .. .	16

A great majority of cases for whom there is demand for Home Help are the chronic sick, aged and infirm. By providing Home Helps in many of these cases it is possible for the patient to continue living at home and the Home Help can in such cases mean the difference between patients being admitted to Hospital or Old Peoples Homes and remaining within the community.

### GAS AND AIR ANALGESIA

Number of Midwives practising in the area who are qualified to administer gas and air analgesia:- .. .. . 18

Number of cases in which gas and air was administered by midwives in Domiciliary Practice during the year:-

(a) When a Doctor was present at the time of the delivery of the child .. .. .	3
(b) When a Doctor was not present at time of delivery of the child .. .. .	31

### CHILD WELFARE CLINICS

There are fourteen Infant Welfare Clinics held at premises throughout the County and the Medical Officers for these clinics are, with one exception, the local Medical Practitioners, the exception is the clinic at Abergynolwyn where Dr. Francis, the Assistant County Medical Officer is the Medical Officer. Yet again this year there has been a slight drop in the total number of attendances at the clinics, although it is heartening to note that this is not reflected in the number of children attending the clinic for, in fact, not only are there more children under one year of age attending the clinics than before but also the total number of children under five attending was greater than previously.

### WELFARE FOODS

Welfare Foods are available at the Infant Welfare Clinics and are also distributed by voluntary workers at various other centres in towns and villages throughout the County. We are indebted to these volunteers for undertaking this valuable work.

As has been reported generally throughout the Country, the amount of Orange Juice, Cod Liver Oil and Vitamin Tablets consumed since the Government introduced the system of payment of an economic price for these commodities, has steadily declined. Conversely, the amount of Banded Baby Foods sold at the centres, which are in all cases considerably more expensive than the Government produced Welfare Foods, has steadily increased as the Welfare Foods have declined.

The following Welfare Foods were distributed at the Centres during the year:-

National Dried Milk.....	10,445
Cod Liver Oil.....	768
Orange Juice.....	5,674
A. & D. Tablets.....	640



INFANT WELFARE CENTRES - TABLE XIII

	No. of sessions held	No. of children who first attended a centre during the year who were under 1 year of age.	No. of children who attended during the year, and who were born in:-			Total No. of children who attended during the year	No. of attendances during the year made by children who at the date of attendance were:			Total attendances during the year
			1962	1961	1960-57		Under 1 year	1 year and under 2	2 year and under 5	
ABERDOVEY.....	9	15	9	14	24	47	69	16	79	164
ABERCYNOLWYN.....	11	5	3	5	9	17	17	24	50	91
BALA.....	25	57	49	34	9	92	352	55	14	421
BARMOUTH.....	24	37	28	22	21	71	249	62	68	379
CORRIS.....	12	13	9	13	28	50	91	66	60	217
CORWEN.....	12	38	26	22	7	55	130	43	12	185
DOLGELLAU.....	20	58	43	33	34	110	356	110	57	523
DYFFRYN ARDUWY.....	12	24	10	13	20	43	63	44	40	147
BLAENAU FFESTINIOG.....	12	26	21	11	19	51	64	33	29	126
LLAN FFESTINIOG.....	24	81	70	73	32	175	405	109	37	551
HARLECH.....	12	28	26	27	14	67	155	52	29	236
PENRHYNDEUDRAETH.....	26	34	31	13	4	48	267	55	38	360
TOWYN.....	25	53	37	40	18	95	402	136	44	582
TRAFSFYNNIDD.....	12	30	23	21	33	77	137	62	56	255
TOTAL.....	236	499	385	341	272	998	2757	867	613	4237



TABLE XIV. - LIVE BIRTHS

	Total Registered Births	Total notified births	DOMICILIARY CASES						Cases in Institutions within the County
			Doctor not booked			Doctor booked			
			Doctor present at time of delivery of child	Doctor not present at time of delivery of child	Doctor present at time of delivery of child	Doctor present at time of delivery of child	Doctor not present at time of delivery of child	Total	
County of Merioneth.....	627	233	4	15	13	27	59	174	
Total Urban Districts...	284	117	2	5	6	6	19	174	
Total Rural Districts...	343	116	2	10	7	21	40	-	
Urban Districts:									
Bala.....	28	13	-	2	1	2	5	-	
Barmouth.....	41	15	-	-	-	-	-	31	
Dolgellau.....	37	29	-	-	-	2	2	79	
Ffestiniog.....	125	16	2	3	5	2	12	-	
Towyn.....	53	44	-	-	-	-	-	64	
Rural Districts:									
Deudraeth.....	123	33	1	6	4	7	18	-	
Dolgellau.....	96	52	1	1	2	-	4	-	
Edeyrnion.....	77	18	-	3	-	14	17	-	
Penllyn.....	47	13	-	-	1	-	1	-	

TABLE XV

Giving the birth rate per 1,000 of population for the decennial period 1953-1962 in England and Wales and the County, and County Districts.

Col. 1	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962
	2	3	4	5	6	7	8	9	10	11
England and Wales.....	15.3	15.2	15.0	15.6	16.1	16.4	16.5	17.1	17.4	18.00
County of Merioneth.....	14.81	12.76	13.20	13.79	13.69	13.99	14.82	15.07	16.34	16.34
Total Urban Districts....	16.53	13.58	13.55	15.84	13.78	14.55	14.73	15.32	18.12	16.86
Total Rural Districts....	13.51	12.13	12.93	12.30	13.61	13.54	14.88	14.87	14.94	15.93
Urban Districts:										
Bala.....	26.22	18.00	15.23	19.11	14.74	21.93	12.90	15.19	18.63	17.39
Barmouth.....	15.09	9.87	15.02	18.03	9.52	15.21	14.28	15.15	13.33	18.72
Dolgellau.....	19.06	14.62	14.34	14.86	14.91	16.59	13.36	13.31	12.10	14.98
Ffestiniog.....	13.60	12.76	11.03	16.67	15.10	14.46	16.33	17.57	22.42	18.65
Towyn.....	17.10	14.67	15.56	12.79	13.07	10.36	13.99	13.19	17.15	13.69
Rural Districts:										
Deudraeth.....	13.68	13.7	14.46	14.01	13.18	13.98	16.04	16.36	15.65	17.42
Dolgellau.....	12.39	9.8	10.38	9.39	10.84	12.79	12.14	11.39	12.63	12.43
Edeyrnion.....	14.07	16.62	16.06	11.27	18.58	12.75	17.59	16.38	17.64	19.54
Fenllyn.....	16.03	10.10	12.98	19.93	16.00	15.81	15.80	19.41	15.46	16.78

TABLE XVI

Showing the number of births, and the birth rates in the County, and the County Districts with the number of Illegitimate Births with the percentage of total births for the year 1962.

	No. of Births registered 1962			Birth Rate per 1,000 of estimated population	Illeg. Births	
	Males	Females	Total		No.	Per Cent of Total Births
Col. 1	2	3	4	5	6	7
y of Merioneth...	359	268	627	16.34	49	7.81
Urban Districts.	172	112	284	16.86	15	5.28
Rural Districts.	187	156	343	15.93	34	9.91
Districts:						
la.....	16	12	28	17.39	1	3.57
rmouth.....	24	17	41	18.72	3	7.31
lgellau.....	21	16	37	14.98	-	-
estiniog.....	77	48	125	18.65	8	6.40
wyn.....	34	19	53	13.69	3	5.66
Districts:						
udraeth.....	72	51	123	17.42	6	4.87
lgellau.....	46	50	96	12.43	15	15.62
eyrnion.....	45	32	77	19.54	7	9.09
nllyn.....	24	23	47	16.78	6	12.76

TABLE XVII

Giving the number of Still Births registered and notified with certain "still-birth" rates, 1962.

	No. of Still Births in Registrar General's Return	No. of cases of still-births notified within the County by			No. of cases attended by Doctor & State Cert. mid. in County	Still Birth Rate per 1,000	
		Doctor	State Cert. Mids.	Registrar of Births		popul- ation	per 1,000 Births Live & Still Births
Col. 1	2	3	4	5	6	7	8
y of Merioneth...	13	-	7	-	7	0.34	20.31
Urban Districts.	7	-	7	-	7	0.41	24.05
Rural Districts.	6	-	-	-	-	0.27	17.19
Districts:							
a.....	-	-	-	-	-	-	-
mouth.....	-	-	-	-	-	-	-
gellau.....	1	-	2	-	2	0.40	26.31
stiniog.....	1	-	-	-	-	0.14	7.93
yn.....	5	-	5	-	5	1.29	86.20
Districts:							
draeth.....	-	-	-	-	-	-	-
gellau.....	3	-	-	-	-	0.38	30.30
yrnion.....	3	-	-	-	-	0.76	37.50
llyn.....	-	-	-	-	-	-	-



TABLE XVIII

Showing the number of Health Visits paid by part-time Health Visitors

DISTRICTS:	Visits to Children 0-1 years of age		Visits to Children 1-5 years of age	Total Health Visits to children 0-5 years
	Primary visits	Total visits		
ABERGOWY.....	15	69	115	184
BALA.....	66	281	520	801
BARNFOUTH.....	36	170	298	468
BLAENAU FFESTINIOG.....	89	557	815	1372
CORRIS.....	10	78	131	209
CORWEN.....	74	389	341	730
DEMAS MADGWY.....	5	90	89	179
DOLGELLAU.....	60	270	502	772
DYFFRYN.....	15	81	186	267
CELYNIN.....	19	87	141	228
FFESTINIOG.....	38	199	367	566
HARLECH.....	35	182	282	464
LLANEGRYN.....	12	76	113	189
PENRYNDEUDRAETH.....	43	200	518	718
TOWIN.....	36	175	315	490
TRAFSEFYNOB.....	27	130	235	365
TOTAL -	531	3034	4968	8002

"No access" visits = 588

TABLE XIX - HOME NURSING

	Medical	Surgical	Infectious Diseases	Tuberculosis	Maternal Complications	Others	Totals	Patients included in 2-7 who were 65 or over at time of first visit during the year.	Children included in 2-7 who were under 5 years of age at time of first visit during the year.	Patients included in 2-7 who have had more than 24 visits during the year
Col. 1	2	3	4	5	6	7	8	9	10	11
Number of cases attended by Nurses during the year.....	1380	386	5	11	25	45	1852	896	187	370
Number of visits paid by Nurses during the year.....	29826	6470	30	237	154	464	37181	21890	813	21221

TABLE XX

INFANT MORTALITY, 1962

	Number of deaths of Infants at the different age periods										
	Under one week	1-2 weeks	2-3 weeks	3-4 weeks	Total under 4 weeks (1 month)	4 weeks and under 3 months	3 months and under 6 months	6 months and under 9 months	9 months and under 12 months	Total 2-12 months	Total under 12 months
Col.1	2	3	4	5	6	7	8	9	10	11	12
County of Merioneth.....	6	-	-	1	7	3	4	2	-	9	16
Total Urban Districts.....	5	-	-	1	6	-	2	2	-	4	10
Total Rural Districts.....	1	-	-	-	1	3	2	-	-	5	6
Urban Districts:											
Bala.....	1	-	-	-	1	-	-	1	-	1	2
Barmouth.....	-	-	-	-	-	-	-	-	-	-	-
Dolgellau.....	1	-	-	-	1	-	-	-	-	-	1
Ffestiniog.....	2	-	-	1	3	-	2	-	-	2	5
Towyn.....	1	-	-	-	1	-	-	1	-	1	2
Rural Districts:											
Deudraeth.....	-	-	-	-	-	1	1	-	-	2	2
Dolgellau.....	-	-	-	-	-	-	1	-	-	1	1
Edeyrnion.....	1	-	-	-	1	1	-	-	-	1	2
Penllyn.....	-	-	-	-	-	1	-	-	-	1	1



TABLE XXI - INFANT MORTALITY

Showing the causes of death of infants who died under one year of age in the several County Districts in the County.

Cause of death	URBAN AREAS						RURAL AREAS					Grand Total
	Bala	Barnouth	Dolgellau	Ffestiniog	Powyn	Total	Dendraeth	Dolgellau	Edeyrnion	Penllyn	Total	
Col. 1	2	3	4	5	6	7	8	9	10	11	12	13
1. Bronchitis.....	-	-	-	-	-	-	-	-	-	-	-	-
2. Pneumonia.....	-	-	-	1	1	2	-	-	-	-	-	2
3. Gastritis.....	-	-	-	-	-	-	-	-	-	-	-	-
4. Congenital malformations.....	-	-	1	-	1	2	1	-	1	-	2	4
5. Prematurity.....	1	-	-	-	-	1	-	-	-	-	-	1
6. Other defined or illdefined causes.....	1	-	-	3	-	4	1	-	1	1	3	7
7. All other accidents.....	-	-	-	1	-	1	-	1	-	-	1	2
Total.....	2	-	1	5	2	10	2	1	2	1	6	16

TABLE XXII

Giving the causes of deaths of Infants under one year of age, and ages at death.

Causes of Death:	Number of deaths of infants at the several age periods.										
	Under one week	1 - 2 weeks	2 - 3 weeks	3 - 4 weeks	Total under 4 weeks (1 month)	4 weeks and under	3 months and under	6 months and under	9 months and under	Total 2-12 months	Total under 12 months
Col. 1	2	3	4	5	6	7	8	9	10	11	12
1. Bronchitis.....	-	-	-	-	-	-	-	-	-	-	-
2. Pneumonia.....	-	-	-	-	-	-	1	1	-	2	2
3. Gastritis.....	-	-	-	-	-	-	-	-	-	-	-
4. Congenital malformations.....	2	-	-	-	2	1	1	-	-	2	4
5. Prematurity.....	1	-	-	-	1	-	-	-	-	-	1
6. Other defined or ill-defined causes.....	3	-	-	1	4	2	-	1	-	3	7
7. All other accidents.....	-	-	-	-	-	-	2	-	-	2	2
TOTAL.....	6	-	-	1	7	3	4	2	-	9	16

TABLE XXIII - INFECTIOUS DISEASES

The number of cases of infectious diseases notified from each County District will be found in the following Table.

	Scarlet Fever			Diphtheria			Whooping Cough			Measles		Puerperal Pyrexia	Acute Pneumonia	Erysipelas
	No. of Cases	Incidence per 1,000 Population	No. of Deaths	No. of Cases	Incidence per 1,000 Population	No. of Deaths	No. of Cases	Incidence per 1,000 Population	No. of Deaths	No. of Cases	Incidence per 1,000 Population	No. of Deaths		
County of Merioneth....	2	0.05	1	1	1	1	1	1	1	87	2.26	1	8	1
Total Urban Districts..	1	-	1	1	1	1	1	1	1	25	1.48	1	1	1
Total Rural Districts..	2	0.09	1	1	1	1	1	1	1	62	2.88	1	8	1
Urban Districts:														
Bala.....	1	-	1	1	1	1	1	1	1	1	1.37	1	1	1
Barnouth.....	1	-	1	1	1	1	1	1	1	3	0.40	1	1	1
Dolgellau.....	1	-	1	1	1	1	1	1	1	1	3.13	1	1	1
Ffestiniog.....	1	-	1	1	1	1	1	1	1	21	-	1	1	1
Towyn.....	1	-	1	1	1	1	1	1	1	1	-	1	1	1
Rural Districts:														
Deudraeth.....	1	-	1	1	1	1	1	1	1	52	7.36	1	7	1
Dolgellau.....	2	0.25	1	1	1	1	1	1	1	10	1.29	1	1	1
Deyrnion.....	1	-	1	1	1	1	1	1	1	1	-	1	1	1
Penllyn.....	1	-	1	1	1	1	1	1	1	1	-	1	1	1



## TUBERCULOSIS

The decline in Tuberculosis continues and again there was a drop in the number of cases notified, which at 26 was the lowest yet recorded. There were four deaths from Tuberculosis during the year and this gave a death rate of 0.10 per 1,000 of population, which was also the lowest rate yet recorded in this County. It is interesting to compare in the following Table the present day figures with those of twenty and forty years ago.

Year.	No.of Notifications of Tuberculosis	Total No.of deaths from T.B.	T.B.Death Rate per 1,000 population
1922	116	69	1.6
1942	93	32	0.75
1962	26	4	0.10

The following Table shows the number of cases on the register at the end of the year:-

	Pulmonary		Non-pulmonary	
	Males	Females	Males	Female
Bala Urban.....	8	3	-	-
Barmouth Urban.....	3	5	3	1
Dolgellau.Urban.....	11	9	-	1
Ffestiniog Urban.....	74	38	6	5
Towyn Urban.....	4	10	-	1
Deudraeth Rural.....	39	29	1	2
Dolgellau Rural.....	24	16	1	2
Edeyrnion Rural.....	19	9	3	-
Penllyn Rural.....	2	4	2	-
Total.....	184	123	16	12

## B.C.G.Vaccination

691 children were skin tested at school, 485 were found to be negative and of these 468 were vaccinated. In addition 184 children were skin tested at Chest Clinics as contacts, 111 of these were found to be negative and 76 were vaccinated.

TABLE XXIV

Showing the number of deaths from Tuberculosis in the several County Districts, with the "phthisis" death rate and the total tuberculosis rate per 1,000 of population.

	Deaths from Tuberculosis 1962		Death rate per 1,000 of population	
	Pulmonary Tuberculosis	Non-Pulmonary Tuberculosis	Phthisis Death Rate	Total Tuberculosis Death Rate
Col. 1	2	3	4	5
of Merioneth.....	4	-	0.10	0.10
Urban Districts...	1	-	0.05	0.05
Rural Districts...	3	-	0.13	0.13
Districts:				
.....	-	-	-	-
outh.....	-	-	-	-
ellau.....	-	-	-	-
tinog.....	1	-	0.14	0.14
n.....	-	-	-	-
Districts:				
raeth.....	1	-	0.14	0.14
ellau.....	2	-	0.25	0.25
rnion.....	-	-	-	-
lyn.....	-	-	-	-

TABLE XXV

Showing the total Tuberculosis Death Rate for the decennial period 1953 - 1962.

Col. 1	Total Tuberculosis death rate per 1,000 population									
	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962
	2	3	4	5	6	7	8	9	10	11
County of Merioneth.....	0.49	0.37	0.50	0.34	0.15	0.21	0.10	0.25	0.13	0.10
Total Urban Districts.....	0.80	0.52	0.86	0.52	0.23	0.41	0.17	0.52	0.12	0.05
Total Rural Districts.....	0.26	0.26	0.22	0.21	0.09	0.05	0.04	0.05	0.14	0.13
Urban Districts:										
Bala.....	-	-	0.66	-	-	-	-	-	-	-
Barnmouth.....	-	0.43	0.08	-	-	-	-	-	-	-
Dolgellau.....	-	-	-	0.08	0.40	0.93	-	0.40	-	-
Ffestiniog.....	2.09	1.05	0.18	0.10	0.46	0.24	0.45	1.06	0.30	0.14
Towyn.....	-	0.23	-	-	-	-	-	0.23	-	-
Rural Districts:										
Deudraeth.....	0.44	0.45	0.15	0.06	0.30	-	0.15	0.15	0.44	0.14
Dolgellau.....	0.22	0.23	0.44	0.10	-	-	-	-	-	0.25
Edeyrnion.....	-	0.24	-	-	-	0.24	-	-	-	-
Penllyn.....	0.36	-	-	-	-	-	-	-	-	-



TABLE XVI

Showing new cases of Tuberculosis and the total deaths from Tuberculosis in the County and the several districts.

	NEW CASES				DEATHS			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	Males	Females	Males	Females	Males	Females	Males	Females
Col. 1	2	3	4	5	6	7	8	9
County of Merioneth.....	15	10	-	1	4	-	-	-
Total Urban Districts.....	10	4	-	1	1	-	-	-
Total Rural Districts.....	5	6	-	-	3	-	-	-
Urban Districts:								
Bala.....	-	1	-	-	-	-	-	-
Barmouth.....	-	-	-	-	-	-	-	-
Dolgellau.....	1	1	-	-	-	-	-	-
Ffestiniog.....	7	2	-	1	1	-	-	-
Towyn.....	2	-	-	-	-	-	-	-
Rural Districts:								
Deudraeth.....	-	4	-	-	1	-	-	-
Dolgellau.....	5	1	-	-	2	-	-	-
Edeyrnion.....	-	-	-	-	-	-	-	-
Penllyn.....	-	1	-	-	-	-	-	-

TABLE XXVII

New cases and total deaths from Tuberculosis during the year 1962 in various age groups.

AGE GROUPS:	NEW CASES				DEATHS			
	Respiratory		Non-Respiratory		Respiratory		Non-respiratory	
	Males	Females	Males	Females	Males	Females	Males	Females
	2	3	4	5	6	7	8	9
Col. 1								
0-.....	-	-	-	-	-	-	-	-
1-.....	-	-	-	-	-	-	-	-
2-.....	-	-	-	-	-	-	-	-
5-.....	-	-	-	-	-	-	-	-
10-.....	1	-	-	-	-	-	-	-
15-.....	2	1	-	-	-	-	-	-
20-.....	2	2	-	-	-	-	-	-
25-.....	1	1	-	-	-	-	-	-
35-.....	1	2	-	-	-	-	-	-
45-.....	-	-	-	1	-	-	-	-
55-.....	3	1	-	-	2	-	-	-
65-.....	5	3	-	-	2	-	-	-
75-.....	-	-	-	-	-	-	-	-
TOTALS.....	15	10	-	1	4	-	-	-

MILK - TABLE XXVIII

The Chief Inspector of Weights and Measures reports the following statistics for the year.

FOOD AND DRUGS ACT, 1955

	Samples			Adulterated or not up to Standard			Nature of Adulteration or Irregularity	Observations & Particulars of Non Genuine Samples	
	Formal	Inf.	Total	Formal	Inf.	Total		% Fat	%S.N.F.
	96	125	221	8	1	9	1 Informal - Contaminated with blood. 8 Formal - Deficient in fat.	1. 2.9 2. 2.5 3. 2.8 4. 2.8 5. 2.7 6. 2.0 7. 2.8 8. 2.8	8.7 9.1 8.9 8.9 9.0 8.6 8.6 8.7
deal to cow	4	-	4	4	-	4	4 Deficient in fat.	1. 2.7 2. 2.7 3. 2.3 4. 2.6	9.1 8.5 8.5 8.8

Milk (Special Designation) Regulations, 1960

Microbiological Sampling

Class of Milk	Number of Samples Tested	Appropriate Tests	Number of Samples		
			Passed	Failed	Void
Pasteurised	21	Phosphatase	21	-	-
		Methylene Blue	21	-	-
Sterilised	5	Turbidity	5	-	-
Tuberculin Tested (Pasteurised)	83	Phosphatase	83	-	-
		Methylene Blue	81	2	-
Tuberculin Tested (Raw)	218	Methylene Blue	188	24	6

Microbiological Sampling

Number of Samples Tested	No. samples reported Positive		Individual Cow Samples
	Tubercle Bacilli	Brucella Abortus	
238	-	7	151



TABLE XXIX - SHOWING THE AGES AT DEATH FROM THE SEVERAL CAUSES

Causes of Death:	All ages		Under 1 year		1 to 5 years		5 to 15 years		15 to 25 years		25 to 45 years		45 to 65 years		65 to 75 years		75 and over	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
ALL CAUSES.....	261	311	13	3	4	1	3	1	4	3	10	11	53	42	72	73	102	177
1. Tuberculosis respiratory.....	4	-	-	-	-	-	-	-	-	-	-	-	2	-	2	-	-	-
2. Tuberculosis other.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3. Syphilitic disease.....	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
4. Diphtheria.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5. Whooping Cough.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6. Meningococcal Infection.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7. Acute Poliomyelitis.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8. Measles.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9. Other infective and parasitic diseases.....	2	2	1	-	-	-	-	-	-	-	-	1	-	-	1	1	-	-
10. Malignant neoplasm stomach.....	11	8	-	-	-	-	-	-	-	-	-	-	3	1	5	4	3	3
11. Malignant neoplasm lung, bronchus.	6	5	-	-	-	-	-	-	-	-	-	-	1	3	5	2	-	-
12. Malignant neoplasm breast.....	-	7	-	-	-	-	-	-	-	-	-	2	-	2	-	1	-	2
13. Malignant neoplasm uterus.....	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
14. Other malignant and lymphatic neoplasms.....	24	19	-	-	-	-	-	-	-	-	1	1	9	5	7	9	7	4
15. Leukaemia, aleukaemia.....	-	3	-	-	-	-	-	-	-	1	-	-	-	2	-	-	-	-
16. Diabetes.....	2	4	-	-	-	-	-	-	-	-	-	-	1	1	-	1	1	2
17. Vascular lesions of nervous system.....	38	64	-	-	-	-	2	-	-	-	-	-	6	7	10	12	20	45
18. Coronary disease, angina.....	49	33	-	-	-	-	-	-	-	-	3	1	13	6	22	12	11	14

20. Other heart disease.....	29	69	-	-	-	-	-	-	-	-	-	-	1	2	1	3	9	24	58
21. Other circulatory disease.....	8	12	-	-	-	-	-	-	-	-	-	-	1	1	1	2	3	4	7
22. Influenza.....	1	1	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-
23. Pneumonia.....	10	12	-	-	-	-	-	-	-	-	-	-	-	2	1	3	1	4	8
24. Bronchitis.....	12	5	-	-	-	-	-	-	-	-	-	-	-	2	1	4	1	6	3
25. Other diseases of respiratory system.....	6	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	2	-
26. Ulcer of stomach and duodenum..	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-
27. Gastritis, enteritis and diarrhoea.....	5	-	3	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-
28. Nephritis and nephrosis.....	1	6	-	-	-	-	-	-	-	-	-	-	-	-	1	-	3	-	2
29. Hyperplasia of prostate.....	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-
30. Pregnancy, childbirth, abortion..	-	2	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-
31. Congenital malformations.....	5	1	5	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
32. Other defined and ill defined diseases.....	18	35	3	-	-	-	-	-	-	-	-	-	-	2	5	1	5	10	23
33. Motor Vehicle accidents.....	5	4	-	-	-	-	-	-	-	-	-	-	-	1	-	1	2	-	-
34. All other accidents.....	13	5	1	-	-	-	-	-	-	-	-	-	-	4	2	1	1	3	-
35. Suicide.....	5	2	-	-	-	-	-	-	-	-	-	-	-	2	-	1	1	-	-
36. Homicide and operations of war..	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE XXX - CAUSES OF DEATH IN THE SEVERAL COUNTY DISTRICTS

	URBAN DISTRICTS										RURAL DISTRICTS											
	BALA U.D.		BAYMOUTH U.D.		DOLGELLAU U.D.		FFESTINIOG U.D.		TOWYN U.D.		TOTAL URBAN DISTRICTS		DEUDRAETH R.D.		DOLGELLAU R.D.		EDEYRNION R.D.		PENLILYN R.D.		TOTAL RURAL DISTRICTS	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
ALL CAUSES.....	14	21	20	26	17	24	47	38	17	28	115	137	54	70	50	56	25	32	17	16	146	174
1. Tuberculosis respiratory	-	-	-	-	-	-	1	-	-	-	1	-	1	-	2	-	-	-	-	-	3	-
2. Tuberculosis other.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3. Syphilitic Disease.....	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
4. Diphtheria.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5. Whooping Cough.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6. Meningococcal Infection.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7. Acute poliomyelitis.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8. Measles.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9. Other infective and parasitic diseases...	-	-	-	-	-	-	1	1	-	-	1	1	-	1	-	-	1	-	-	-	1	1
10. Malignant neoplasm, stomach.....	1	1	-	2	-	3	3	-	1	-	5	6	-	1	3	-	-	1	1	-	5	2
11. Malignant neoplasm, lung, bronchus.....	-	-	-	-	1	-	-	1	3	1	4	2	2	2	1	1	-	-	-	-	3	3
12. Malignant neoplasm breast	-	-	-	1	-	-	-	-	-	-	-	1	-	3	-	1	-	-	-	-	-	6
13. Malignant neoplasm uterus	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
14. Other malignant and lymphatic neoplasms...	2	-	1	1	2	-	3	3	3	2	11	6	7	4	4	6	-	-	2	3	13	13
15. Leukaemia, aleukaemia...	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	1	-	-	1	-	-	2
16. Diabetes.....	-	1	-	-	-	-	1	-	-	-	1	1	-	1	-	-	1	1	-	1	1	3
17. Vascular lesions of																						





